



DONATION BASED.

SOME FREE INTRODUCTORY  
TIERS WITH PRIMARY  
FUNCTIONS INCLUDED**SYSTEMS INTEGRATION – 300X3.COM**GOAL: INTEGRATED AND AUTOMATED DESIGN + FABRICATION PROCESS IN A LIVE/WORK BUILDING THAT  
SUPPORTS AUTOMATED DELIVERY AND TRANSPORTATION IN ADDITION TO A PATH  
"FROM A BAG TO A HOME" & TIME TO PURSUE TRUE FAITH.

SUMMARY	USECASE (S)	\$	LOCAL SOFTWARE	FILE-TYPE	CLOUD SYSTEM A (APIs)	\$	CLOUD SYSTEM B (API USE) - SOFTWARE SPECIFIC
DATA STORAGE, SHARING, SECURITY	HTML WEB HOST, FILE SYNC, CRYPTO, PASSWORD MGMT, IN-OUT OF OTHER SYSTEMS	-	PCLLOUD	.ALL	PCLLOUD	~\$150/ (LIFE)	DATA TRANSFER SPEED
RADIO	LONG RANGE DATA TRANSFER BETWEEN PEOPLE AND COMPUTERS/ROBOTS	-	REPLICATED: From a Raspberry Pi to a LoRaWAN network		RETICULUM BASED, LORAWAN		
COMMUNICATION	EMAIL, INSTANT MESSAGING	\$0	THUNDERBIR D	.SBD	POSTEO	\$1/mo	CONTACTS
CONCEPTS, MARKETING	SKETCH, FLYER, RESUME	\$200/ EA., \$0	BLUEBEAM, LIBRE OFFICE	.PDF	OBSDIAN? EVERNOTE?		MACHINE LEARNING REFERENCE
STRATEGY	BUSINESS INTELLIGENCE (2D/3D GRAPHS & CHARTS)	\$0	LIBRE OFFICE?		APACHE XYZ?		REVIEW LARGER DATA SETS
CONCEPTS, TEACHING, SOCIAL CHANGE	NOTES, ARTICLES, TESTS/SURVEYS, AUDIO/VIDEO TRANSCRIPTS	\$0	KATE	.TXT	OBSDIAN? EVERNOTE?		SUMMARIZE (R.A.G. OR OTHERWISE)
TEACHING, SOCIAL CHANGE	VOICE RECORDING (AUDIOBOOK, PODCAST)	\$0	AUDACITY	.MP3	SPEAKER		VOICE RE-CREATION
TEACHING	VIDEO RECORDING (INTRO, HOW TO)	\$0	OED	.MP4	VIMEO		OBJECT ID
DESIGN	3D MODELS (BUILDINGS & PRODUCTS)	\$300/ EA.	SKETCHUP 3D (OLDER)	.SKP	SKETCHUP ONLINE		COMPUTATIONAL DESIGN OPTIONS
DESIGN	2D DRAWINGS (BUILDINGS & PRODUCTS: SHOP DRAWINGS)	\$0	SKETCHUP LAYOUT, FRITZING,	.DWG, .PDF	SKETCHUP ONLINE		
REALITY TO 3D	PHOTOGRAMMETRY(TOPOGRAPHY)	\$6,000/ EA.	PIX4D MAPPER	.LAS, .PDF	PIX4D INDUSTRY		FLAT IMAGE, 3D MESH
QUALITY CONTROL & PRODUCTION	COMPARISONS (CLASH DETECTION)	\$0	BLENDER, MESHLAB, TRIMBLE?		TRIMBLE?		OBJECT RECOGNITION & CATEGORIZING, HOST OTHERS
REALITY TO 3D	LASER SCAN (PRODUCT AND BUILDING AS-BUILTS)		TRIMBLE?	.LAS, .XYZ	TRIMBLE?		POINT CLOUD LINKING, ENLARGING, HOST OTHERS
FABRICATION	3D PRINTING		MATTER CONTROL	.STL	TRIMBLE?		
FABRICATION	CNC CUTTING		BCNC	.GCODE	TRIMBLE?		
ACCOUNTS RECEIVABLE	RECEIPTS, PAYMENT PROCESSING		PAYPAL P.O.S.?	.PDF, .CSV	PAYPAL		
REALITY TO 2D/3D	PICTURES (PRODUCTS, BUILDINGS)	\$0	CAMERA APP	.JPEG			
COMPUTER	FASTER COMPUTER INTERACTION	\$0	MSTY		AZURE OPENAI (OUTPUTS TEXT ONLY, OR + VISUALIZATION?)	\$160/ EA. 3 (LIFE)	ANY LANGUAGE MODEL, FASTER SPEED
LOGISTICS	ROBOT WAYPOINT NAVIGATION & PATHING	\$0	MISSION PLANNER				
INVENTORY MANAGEMENT & MAINTENANCE	VENDING & HANGAR MAINTENANCE	\$0	ROS				
NAVIGATION	SLAM	\$0	ROS				LIVE NAVIGATION
REFERENCE	BOOKS	\$0	CALIBRE	.EPUB, .PDF	ARCHIVE. ORG?		SAN DIEGO COUNTY LIBRARY
REFERENCE/TRENDS	NEWS	\$0	CALIBRE	.RSS	SDBJ, VOICEOFSD?		
TRENDS	SOCIAL	\$0	?	.?	MASTODON	\$0	DISCORD
			REPLICATE LOCAL COMPUTER AT CLOUD		FILE DUMP.	\$300?/ EA. 3	WHY? CAN'T BEAT A.I./COMP THAT DOES EVERYTHING.

**ACCESSIBLE SOFTWARE**OPEN-SOURCE  
(DONATION BASED)**PRIMARYLY LINUX**DEBIAN + KDE, UBUNTU,  
OR OTHERWISE**LOCAL SOFTWARE**WITH LINKS TO CLOUD  
PROCESSING AND STORAGE  
(SYSTEM OPERATES 100%  
OFFLINE)**AUGMENT LOCAL  
CAPABILITIES**WITH CLOUD-RESOURCES  
(FASTER COMPUTING, MORE  
STORAGE, DASHBOARD  
SALES NETWORK)**OPTION TO WEB-PORTAL IN  
WITH YOUR PREFERRED  
DEVICE**APPLE/GOOGLE/WINDOWS  
SUPPORTED  
(RECOMMENDED AGAINST  
ETHICALLY.)**OPTION FOR PHYSICAL  
FIREWALL (SWITCHES)**BETWEEN SYSTEMS  
(NO NETWORK ACCESS)

## WEB3.0

**DEFINITION:** DECENTRALIZED COMPUTING BASED ON BLOCKCHAIN AND CRYPTOCURRENCY.

**THE SYSTEM PROPOSED HERE IS NOT BASED ON WEB3.0, IT IS BASED ON A "HYBRID SYSTEM" THAT CAN REMAIN OFFLINE OR BE TIED TO ONLINE RESOURCES AS APPROPRIATE. SOME OF THOSE RESOURCES ARE BLOCKCHAIN BASED, SOME ARE LARGE SERVERS, SOME ARE MESH NETWORKS. THE INITIAL SYSTEM IS SETUP TO WORK ENTIRELY OFFLINE WITH AN OPTION FOR MESH NETWORK USE (THIS IS REDUNDANT AND FUNCTIONS WITHOUT AN INTERNET CONNECTION WHILE MAINTAINING WIRELESS CONNECTIONS TO AUTOMATION SYSTEMS/ROBOTS/COMMUNICATORS WITHIN ABOUT 10 MILES VIA LORAWAN RADIO WAVES.)**

**THE SYSTEM IS EXPECTED TO SUPPORT BUSINESS MANAGEMENT AND COMPLETE AUTOMATION OF:** MARKETING, SALES/PAYMENTS, MATERIAL PROCUREMENT, DESIGN, FABRICATION, COMMUNICATION, AND SO ON. THE INTENT IS TO MAINTAIN OFFLINE OPERATION OF SYSTEMS (NO INTERNET REQUIRED) WHILE INTEGRATING WITH ONLINE SYSTEMS TO INCREASE SPEED AND BROADEN THE BUSINESS (IN TERMS OF BOTH INNOVATION AS WELL AS IMPACT/SIZE AND OVERALL SALES + COMPUTING SPEED WHEN WANTED.)

**THIS CONCEPT OF LOCAL + ONLINE AS A HYBRID OF TECHNOLOGY SYSTEMS IS AT ODDS** WITH MOST MODERN TECHNOLOGY TODAY WHICH TYPICALLY REQUIRES MORE INVESTMENT IN 100% ONLINE AND DECENTRALIZED COMPUTING. THE MODERN TERM FOR THIS IS "WEB3.0" AN EXAMPLE OF WHICH IS AVAILABLE AT "RUNONFLUX.COM" (A CRYPTOCURRENCY BASED SERVER/HOST FOR WORDPRESS AND MANY OTHER BUSINESS/PERSONAL RELATED APPLICATIONS) AND "BRAVE.COM" (A BROWSER WITH INTEGRATED CRYPTOCURRENCY, A.I., AND MONETIZATION) - RUNONFLUX STARTS AT AN ENTRY PRICE OF AROUND \$50 FOR A \*WORDPRESS\* BASED BUSINESS WHILE BRAVE IS FREE AND MONETIZES TARGETED ADVERTISING THAT ALSO PAYS INDIVIDUAL USERS FOR LOOKING AT ADS. BOTH ARE BASED ON "FLUX COIN" AS A TOKEN THAT GENERALLY REPLACES THE U.S. DOLLAR AND WHICH FACILITATES PAYMENTS OUTSIDE OF ANY STANDARD NATIONAL CURRENCY WHILE ALSO EXISTING AS A METHOD OF PAYING FOR ADDITIONAL COMPUTING/SOFTWARE/STORAGE WITHIN THE SAME NETWORK OF WEB3.0 BUSINESSES. OTHER BLOCKCHAIN AND CRYPTOCURRENCY SYSTEMS ARE MORE GRASSROOTS, THIS ONE IS RELATIVELY HIGH PROFILE IN RELATION TO ITS PAST INVESTORS.

**MODERN WEB3.0 SYSTEMS (100% ONLINE ONES) ARE:** FASTER, INCREDIBLY INEXPENSIVE, INTEGRATED, SECURE, ARE REDUNDANT, AND MAY EVEN SUPPORT SOME KIND OF "SINGULARITY EVENT" IN THE FUTURE. HOWEVER - THEY ARE ALSO UNCONSTITUTIONAL IF BASED ON CRYPTOCURRENCY AND USING THEM DEVALUES THE U.S. DOLLAR WHILE TRANSITIONING AMERICAN INDUSTRY OUTSIDE OF THE UNITED STATES AT THE INCEPTION OF A NEW BUSINESS AND STARTING ONE UP ON ANY WORDPRESS SYSTEM THAT IS HOSTED ON FLUX. I CALL THIS "TREASON" BECAUSE OF ITS IMPACT ON THE U.S. ECONOMY, DEFENSE, DOLLAR VALUE, AND HOW IT ESTABLISHES AN ALTERNATIVE GOVERNMENT WITHIN ALL OF THE USERS OF THESE APPLICATIONS. THE PROBLEM IS EXACERBATED WITH THE ADDITION OF: NUCLEAR POWER, AND ROBOTICIZATION/AUTOMATION AS GROWTH OF THE BUSINESSES THAT ARE ON THIS WEB3.0 NETWORK WILL BE EXTREMELY RAPID.

### OPTIONS/ALTERNATIVES:

0. WEB3.0 "SOLUTION" AND TRANSITION AWAY FROM THE U.S. DOLLAR/ECONOMY (FLUX/BRAVE) - UNCONSTITUTIONAL, HOWEVER ALSO HOSTED OUTSIDE OF THE U.S. \*DECENTRALIZED & HIDDEN/MASKED
1. CORPORATE HIGH SPEED SERVER AT A VERY LOW COST (NOT AVAILABLE)
2. GOVERNMENT SPONSORED SERVER/STANDARD AT A VERY LOW COST (\*CENIC-AIR, OR WHATEVER COMES OUT OF "PROJECT STARGATE.")
3. SLOWER COMPUTING (WHAT IS CURRENTLY USED BY MOST PEOPLE)

### CURRENT "HYBRID" STRATEGY:

- INTERNET BROWSER: FIREFOX (SLOWER, BUT INDEPENDENT)
- "A.I." TERMINAL: MSTY (INTEGRATES WITH ALL A.I. FROM LOCAL SOFTWARE.)
- WEBSITE HOSTING: PCLOUD (WORKS VERY WELL, HTML SUPPORT, BUILT IN RELATION TO BLOCKCHAIN, SOME BANDWIDTH CONSTRAINTS.)
- PASSWORD MANAGER: PCLOUD (INCREDIBLE PASSWORD MANAGEMENT)
- CRYPTOCURRENCY WALLET: PAYPAL (WORKS FOR CREDIT CARDS AND PERHAPS \*US CRYPTOCURRENCY)
- PDF: STILL A RELIABLE FORMAT FOR WEBSITE AUTHORIZING (EVEN BETTER IN MODERN BROWSERS)
- JAVA: WITHIN PDF FOR CUSTOMIZATION. OTHERWISE SWITCHING TO HTML MEANS JUMPING TO WORDPRESS.

### FUTURE DEVELOPMENT (HOW TO COMPETE/INTEGRATE WITH WEB3.0)

- DECENTRALIZED STORAGE: PCLOUD MUST MANAGE THIS TO INTEGRATE WITH BLOCKCHAIN / WEB3.0 IN SOME MANNER, MIGHT HAPPEN BASED ON THEIR ADVERTISEMENT OF "BLOCKCHAIN" IN RELATION TO THEIR SECURITY TECHNOLOGY. MIGHT NOT. THEY CHARGE A MONTHLY FEE FOR THIS.
- DECENTRALIZED SOFTWARE: OPEN SOURCE & SOFTWARE SPECIFIC (DEPENDS ON EACH PROGRAM) - PREFERENCE IS FOR SOFTWARE SPECIFIC TOKENS ACROSS A FREE NETWORK AS EXEMPLIFIED BY THE "BLENDER" 3D SOFTWARE.
- DECENTRALIZED COMPUTING: SOFTWARE SPECIFIC (DEPENDS ON EACH PROGRAM, INDIVIDUAL PROGRAMS WILL HAVE TO CHOOSE TO INTEGRATE WITH NUCLEAR POWERED SERVERS OR DECENTRALIZED COMPUTERS AT SOME POINT.

**THIS STRATEGY MAKES COMPETING WITH WEB3.0 POSSIBLE** BECAUSE IT TIES LOCAL RESOURCES TO ONLINE HIGH-SPEED ONES WITH THE ABILITY TO MONITOR WORK LOCALLY WHILE OFFLINE AND INCREASE SPEED WHEN ONLINE. IF THE UNITED STATES DOES IMPLEMENT CRYPTOCURRENCY NATIONALLY THERE WILL STILL BE THE ABILITY TO ADD THAT FEATURE. REGARDLESS - EXISTING WORLD-WIDE AND NON-NATIONALIZED CRYPTOCURRENCY SYSTEMS MAY STILL BE FASTER WITH THE ONLY REAL ADVANTAGE BEING NUCLEAR POWER BEHIND THEM.

## BASIC SOFTWARE SPECIFICATIONS AS RELATED TO EACH PRODUCT:

- SETUP SOFTWARE IMAGES FOR EACH OF THESE AND INSTALL THEM ON INDIVIDUAL COMPUTERS AS LISTED BELOW.

### "ARMORED COMP" + "SLOTTED" WEARABLE COMPUTER & COMPANION COMPUTER (RPi5+DEB+KDE)

- NVME RAID0 HARDDRIVES X2 WITH RAID 0 (4TB.)
- DEBIAN + KDE OPERATING SYSTEM.
- HEADLESS MONITOR (TABLET RUNNING LINEAGE OS \*THIS IS ANDROID W/O GOOGLE SERVICES WHICH SUPPORTS ANDROID APPS, SIMILAR TO DUET.) SIZE TO MATCH DRONEMASK2 GOGGLES = WIRELESS MONITOR/GOGGLES.
- ULTRALEAP MOUSE INPUT, ATTACH TO KEYBOARD.
- CUSTOM SPLIT KEYBOARD INPUT (CUSTOM KEY MAPPING, MOUNT TO THIGHS.)

- WEARABLE COMPUTER WITH KEYBOARD ENTRY AND HAND TRACKING (OPTIONAL VOICE INPUT), FOR POWER USERS OF COMPUTERS AND ROBOTICS (MARKET IS GETTING BIGGER.) PROVIDES STRONG METHOD OF CONTROL FOR ROBOTICS AS WELL AS DESKTOP USE AND STANDARD PHONE USE WITHIN LINEAGEOS "MONITOR."

### "PIONEER" & "TITANIC" CNC MACHINE AREA (ATX+DEB+KDE+LOCALSERVER)

- DEBIAN + KDE OPERATING SYSTEM
- MSTY.APP (LANGUAGE MODEL)
- OPEN DRONE MAP (PHOTOGRAMMETRY)
- BCNC (2D CUTTING)
- MATTERCONTROL (3D PRINTING)
- ? POINT CLOUD CLASSIFICATION (PRODUCTION, COMPUTER VISION, ETC.)

- FABRICATION COMPUTER FOR 3D PRINTERS AND 2D CNC MACHINES THAT ALSO PROCESSES IMAGES INTO POINT CLOUDS FOR REVIEW BY LANGUAGE MODEL (USE FOR: RAPID DESIGN ITERATION/CONCEPTUALIZING, AND BUSINESS STRATEGY DEVELOPMENT.)

### "PIONEER" & "TITANIC" HOME AUTOMATION (RPi4+, RASPBIAN + DOMOTICZ)

- DEBIAN + KDE OPERATING SYSTEM
- DOMOTICZ SERVER

- HOME AUTOMATION: FANS, WATER HEATER, HVAC, LOCKS, EXTERIOR CAMERAS, WATER TANK LEVELS/TEMPERATURE/COLOR/PH/CHLORINE, POWER GENERATION (SOLAR), PRESSURE IN TANKS (HYDROGEN&OXYGEN.)

### "CANRAD" + "AVENGE" + "MR CUTTLE" AIR/LAND/SEA DRONE, BOAT PROPULSION AND HULL SYSTEM, CARGO AEROSTAT AND ANTENNAE (APM+ARDU)

- ARDUPILLOT, ARDUROVER, ARDUSUB, ARDUROPTER - RAPID LOADING INTO VEHICLE MEMORY FROM RAM.
- HARDSWITCH BETWEEN VEHICLE MODES AND FRAME/MOTOR ORIENTATION (PHYSICAL LOCKS FOR STRUCTURAL CHANGES TO FRAME.)
- 1-12 MOTORS (4 MOTOR ELECTRONIC SPEED CONTROL AT EACH PUCK, AND 3 PUCKS TOTAL PER AUTOPILOT MODULE.)

- RECONFIGURABLE MOTOR ORIENTATION, 12 MOTORS PER DRONE.

### "INCHWORM" AIR/LAND/SEA VEHICLE (APM+ARDUPILOT ROVER/SUB/PLANE)

- ARDUPILOT, ARDUROVER, ARDUSUB, ARDUROPTER - RAPID LOADING INTO VEHICLE MEMORY FROM RAM.
- HARDSWITCH BETWEEN VEHICLE MODES AND FRAME/MOTOR ORIENTATION (PHYSICAL LOCKS FOR STRUCTURAL CHANGE.)
- MANUAL CONTROL OF HARDSWITCH HYDRAULIC CONTROLS AT HIGH VOLTAGE SIDE OF RELAY SWITCHES.
  - RELAY SWITCH BRIDGES LOW VOLTAGE AND HIGH VOLTAGE FOR AUTOMATION.
- MOTORS CONTROLLED BY ZONE (12 ZONE MAXIMUM)
  - REAR FAN
    - 5 ZONES IN PORT WING
    - 5 ZONES IN STARBOARD WING
  - FRONT HATCH OPEN/CLOSE
  - FRONT HATCH AIR IN/OUT (VENT AT CIRCUMFERENCE OF ATTACHMENT RING.)
  - ACTIVE SUSPENSION CONTROL (FRONT)
  - ACTIVE SUSPENSION CONTROL (REAR)
  - WING ANGLE
    - IN WING FLAPS X5 EACH WING (BY MOTOR ZONE)
  - WING HEIGHT
  - REAR FAN HEIGHT
  - POWER PRODUCTION FROM WING SOLAR PANELS
  - POWER PRODUCTION FROM OPTIONAL ROLL-OUT SOLAR PANELS
  - FUSELAGE AIR QUALITY
  - AIR TANK PRESSURE (SCUBA TANKX2)
  - BATTERY POWER (PER BATTERY)
  - IN WHEEL MOTOR, RPM SPEED, DIRECTION
  - TURN SIGNALS, HEADLIGHTS, AREA LIGHTS (INTERFACE WITH) CANRAD AT EXTERIOR)
  - MAP & NAVIGATION (IN FUSELAGE, SECOND CANRAD WITH CHARTS AND MEDIA.)
  - PACKAGE CONTROL AND DELIVERY FROM EXTERIOR HANGAR/VENDING UNITS (SAME AS MAP & NAVIGATION COMPUTER.)
  - RADIO COMMUNICATION (CALLSIGN, AUDIO, TEXT - LORAWAN)
  - VEHICLE SPEED (AIRSPEED, SPEED OVER GROUND)
  - WIND DIRECTION AND BASIC TELEMETRY
  - INTERFACE WITH CANRAD COMPUTER (ATTACHED TO EXTERIOR WITH CAMERA AND REDUNDANT APM + TELEMETRY.)
  - MANY OF THESE ARE ALREADY BUILT INTO ARDU PILOT/ROVER/SUB/COPTER

- AIR/LAND/SEA VEHICLE + PACKAGE CONTROL (MANY DRONES)

### "POWERSANDWICH" FUEL (ARDUINO + PYTHON)

- REPORT PRESSURE OF HYDROGEN OR NATURAL GAS
- REPORT TEMPERATURE
- RELEASE OVERPRESSURE
- CONTROL FUEL PRESSURE

- MONITORED FUEL TANK WITH CONTROLLED INPUT AND RELEASE.

### "PROTE" BOILER (CIRCUIT PLAYGROUND + PYTHON)

- PYTHON SCRIPTS FOR USE OF APPLIANCES
- LCD SCREEN: WATCH, TIMER
- HEATING ELEMENT (TEMP CONTROL)
- MOTOR (RPM CONTROL, DIRECTION, ON/OFF)
- PELTIER UNIT HEAT/CHILL (TEMP CONTROL)
- SPEAKER VOLUME (BLUETOOTH)
  - ANTI-TIP
- INTERNAL COLOR (DARKNESS / "BURNT")
- PRESSURE READING
- FILL (ON/OFF AND PRESSURE)

- APPLIANCE

### "SCELLAR" HANGAR VENDING STEAM CHILL (RPi5+ROS)

- CNC GANTRY CONTROL
- CNC SLIDING BED CONTROL
- CAROUSEL CONTROL
- ELECTROMAGNET ENGAGE/DISENGAGE (CAROUSEL AND SLED

### "THE FIXER" BAROMETRIC/HYPERBARIC MEDICAL CHAMBER

- ANALOG CONTROLS
- MEDICAL DEVICE MANAGEMENT ON GANTRY/TROLLEY \*\*\*BY OTHERS\*\*\*